

Тестеры DT-150/156/156H, DT-157/157H, DT-159, DT-116/118/118B/119

Технические характеристики

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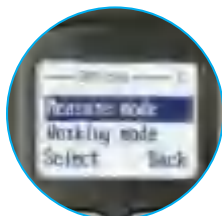
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Dual Technology Features Automatic Selection of Magnetic Induction or Eddy Current Measurement Techniques



EMC
EN: 61326



Model 156

Features

	150	156	156H
Non-magnetic coatings(e.g. paint, zinc)on steel	*	*	*
Insulating coatings(e.g. paint)on no-ferrous metals	*	*	*
No-ferrous metals coatings on insulating substrates	*	*	*
Menu operation system		*	*
Two measuring modes: CONTINUE and SINGLE mode		*	*
Two working modes: DIRECT and GROUP mode		*	*
Statistic Display: AVG, MAX, MIN, NO., S.DEV		*	*
One point calibration, two points calibration and basic calibration easily		*	*
Memory for 400 readings(80 DIRECT and 320 GROUP readings)		*	*
Memory for 1500 readings(30 GROUP readings)			*
Delete single readings and all group readings easily		*	*
High alarm and Low alarm for all working modes		*	*
Low battery, error indication		*	*
USB interface for PC software		*	*
4 levels of battery indication			*
Error indication			*
Easily adapt to lighting conditions with 8 levels of backlight			*

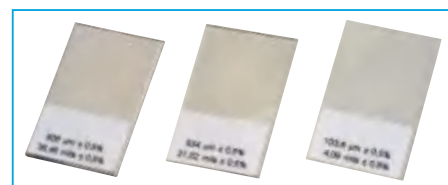


EMC
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Model 156H

Specifications

	150	156		156H	
Sensor probe		F	N	F	N
Working principle		Magnetic induction	Eddy current principle	magnetic induction	Eddy current principle
Measuring range	0.0~2.0 mm/ 0~80 mil	0~1250um	0~1250um	0~1350um	0~1350um
Guaranteed tolerance (of reading)	± (2%+0.1)mm/ ± (2%+4)mil	± (3%+1)um	± (3%+1.5)um	± (2.5%+2)um	± (2.5%+2)um
Repeatability		± (1%+1)um	± (1%+1)um	± (1%+1)um	± (1%+1)um
Low range Precision		0.1um	0.1um	0.1um	0.1um
Minimum curvature radius		1.5mm	3mm	1.5mm	3mm
Diameter of Minimum area		7mm	5mm	7mm	5mm
Basic critical thickness		0.5mm	0.3mm	0.5mm	0.3mm



Precision Standard



Calibration Iron



Calibration Aluminum



Model 150

Size(HxWxD): 113.5mm x 54mm x 27mm

Weight: 110g

Accessories:

Two "AAA" batteries, USB cable, CD, Calibration Iron, Calibration Aluminum, Precision Standard, gift box with carrying case.

DT-157/157H

Coating Thickness Tester

CEM

Dual Technology Features Automatic Selection of Magnetic Induction or Eddy Current Measurement Techniques. The measuring data is easily transferred to PC for edit and storage.

157H provides flexible measurements with extension cable.

Features

Non-magnetic coatings(e.g. paint, zinc)on steel
Insulating coatings(e.g. paint)on no-ferrous metals
No-ferrous metals coatings on insulating substrates
Menu operation system
Two working modes: DIRECT and GROUP mode
Statistic Display: AVG, MAX, MIN, NO., S.DEV
One point calibration, two points calibration and basic calibration easily
Delete single readings and all group readings easily
Low battery, error indication
Memory for 2500 readings(50 GROUP readings)
4 levels of battery indication
Error indication
Bluetooth interface
Easily adapt to lighting conditions with 8 levels of backlight

Specifications

Sensor probe	F	N
Working principle	magnetic induction	Eddy current principle
Measuring range	0~2000um	0~2000um
Guaranteed tolerance (of reading)	(+/- 2%+2)um	(+/- 2%+2)um
Repeatability	(+/- 1%+1)um	(+/- 1%+1)um
Low range Precision	0.1um	0.1um
Minimum curvature radius	1.5mm	3mm
Diameter of Minimum area	7mm	5mm
Basic critical thickness	0.5mm	0.3mm

Size(HxWxD): 120mm x 60mm x 40mm

Weight: 120g

Accessories:Two "AAA" batteries, CD, Calibration Iron, Calibration Aluminum, Precision Standard, gift box with carrying case.



Precision Standard

Calibration Iron

Calibration Aluminum



EMC
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Bluetooth

Made for
iPod iPhone iPad

Model 157



Model 157H

iCTT software

for Coating Thickness Tester

Meterbox iCTT - In the worldwide, Meterbox iCTT is the first issue for the coating thickness tester to communicate with the smartphone by bluetooth. Friendly user interface, multifunction scene mode, standard reference data bring a new user experience and make the works relaxed.

Meterbox iCTT allows to read the measured real time data by bluetooth, the displayed table and chart can be recorded and analysed. The user can check the history data anytime and manage the measured readings easily by Meterbox iCTT.



DT-159

Professional Coating Thickness Tester



159 is a 2.4" TFT color LCD display coating thickness tester with temperature and humidity measurement. Dual Technology Features Automatic Selection of Magnetic Induction or Eddy Current Measurement Techniques. The measuring data is easily transferred to PC for edit and storage. The LCD screen can auto-rotate with 0°, 90°, 180°, 270°.

Features

Non-magnetic coatings(e.g. paint, zinc)on steel
Insulating coatings(e.g. paint)on no-ferrous metals
No-ferrous metals coatings on insulating substrates
2.4 TFT color LCD display
Temperature , humidity and Dew point temperature measurement
Auto-rotatable screen: 0°, 90°, 180°, 270°
Stability test
Continuous test
Set auto power off time.
SSPC mode
Limit warning with Beeper and Backlight Flash ,3-Color LED indication
Menu operation system
Working modes: DIRECT , GROUP and SSPC mode
AVG, MAX, MIN, Stand and Deviation(S.DEV) Display
Basic, One point and SSPC mode calibration
Error indication
USB interface
10 levels of LCD lighting adjustable
Language selection: English ,German Italian,French,Chinese,Japanese

Specifications

Sensor probe	F	N
Working principle	magnetic induction	Eddy current principle
Measuring range	0~2000um	0~2000um
Guaranteed tolerance (of reading)	(±2%+2)um	(±2%+2)um
Repeatability	(±1%+1)um	(±1%+1)um
Low range Precision	0.1um	0.1um
Minimum curvature radius	1.5mm	3mm
Diameter of Minimum area	7mm	5mm
Basic critical thickness	0.5mm	0.3mm
Temperature range	0 to 50°C/ 32 to 122°F	
Basic accuracy	±1°C/ 1.8°F	
Humidity range	0 to 100%	
Basic accuracy	±3%	

Size(HxWxD): 120mm x 60mm x 40mm

Weight: 120g

Accessories: 2x1.5V “AA” batteries, CD, Calibration Iron, Calibration Aluminum, Precision Standard, gift box with carrying case.



EMC
EN: 61326



Model 159



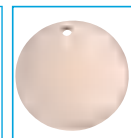
Passing indication



Failed indication



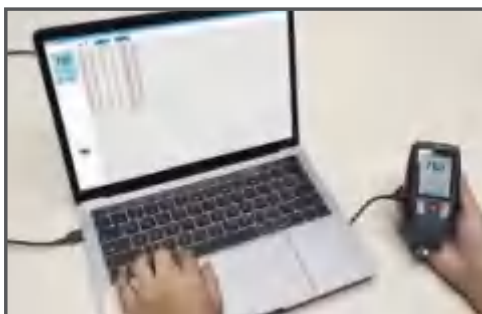
Precision Standard



Calibration Iron



Calibration Aluminum



Auto-rotatable screen: 0°, 90°, 180°, 270°

DT-116/118/118B/119

3 in 1 e - Testers



The four pocket models 116, 118, 118B and 119 are double molded plastic housing and large high contrast 2000/4000 counts LCD display. They are all CAT IV 600V safety designed plus non-contact voltage detection & flashlight.

Safety Conformance

- EN61010-1 CATIII 1000V
- 200mA fused protection (118/118B)

Features

	116	118	118B	119
Digital display counts	2000	2000	4000	2000
Safety design & Pocket size	*	*	*	*
Auto Ranging & Auto Power Off	*	*	*	*
Data Hold	*	*		*
Flashlight	*	*	*	*
Non-Contact Voltage detection	*	*	*	*

Specifications

Function	Max Range	Basic Accuracy	116	118	118B	119
Voltage DC	600V	±0.5%	*	*	*	*
Voltage AC	600V	±1.2%	*	*	*	*
Current DC	200mA	±2.0%		*	*	
Current AC	200mA	±2.5%		*	*	
Resistance	2MΩ	±0.8%	*			
	20MΩ	±0.8%		*	40MΩ	*
Capacitance	100uF	±(3.0%±5d)			*	
Frequency	100kHz	±(0.8%±5d)			*	
NCV (VAC: 100V~600V)			*	*	*	*
Diode Check			*	*	*	*
Continuity Test			*	*	*	*

Size(HxWxD): 120mm x 55mm x 40mm **Weight:** 145g

Accessories: Test leads, two "AAA" batteries and clamshell.

- Non-Contact Voltage Detection
- Flashlight

- Double Molded housing
- CAT IV 600V
- Full range protection



EMC & LVD

EN: 61326

EN: 61010-1

EN: 61010-02-032

EN: 61010-02-033



Model 118

DT-946/946F Smart Digital Multimeter with Automatic Selection

946 is a high performance smart digital multimeter with automatic selection DC/ACV, providing wide application in HAVC, factories, schools and at home, etc.

All inputs are protected to EN 610101-1 CATIV 600V.

Safety Conformance

- EN61010-1 CATIV 600V
- Double molded plastic housing
- Full ranges protection

- Double Molded housing
- CAT IV 600V
- Automatic Selection

- IP67 dust and water proof
- Flashlight



Features

	946	946F
0.47" (12mm) Fork clamp sensor for AC 100A current measurement		*
Automatic DCV or ACV selection, Resistance, Continuity	*	*
4000 counts LCD display with backlight & flashlight	*	*
Automatic selection ranging	*	*
True RMS measurements	*	*
IP67 dust and water proof	*	*
Non-Contact ACV detection: 50V~600V	*	*
Auto Hold & Auto Power Off	*	*

Specifications

Function	Max Range	Basic Accuracy	946	946F
Voltage DC	600V	±1.0%	*	*
Voltage AC	600V	±1.0%	*	*
Current DC	10.00A	±3.5%		*
	100.0A	±3.0%		*
Current AC	10.00A	±3.0%		*
	100.0A	±3.0%		*
Resistance	400kΩ	±2.0%	*	*

Size(HxWxD): 150mm x 70mm x 48mm **Weight:** 200g

Accessories: Test leads, 1.5V x 2 batteries, carrying case and gift box.



EMC & LVD

EN: 61326

EN: 61010-1

EN: 61010-02-032

EN: 61010-02-033



Model 946F



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